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Sheet

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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	Complete if Known						
	Application Number	10/550,270					
	Confirmation Number	3137					
	Filing Date	July 6, 2006					
	First Named Inventor	Yasuhide ODASHIMA					
	Art Unit	1742					
	Examiner Name	Not Yet Assigned					
_	Attorney Docket Number	Q74947					

U.S. PATENT DOCUMENTS							
Examiner	Cite	Document N		Publication Date			
Initials*	No.1	Number	Kind Code <sup>2</sup> (if known)	MM-DD-YYYY	Name of Patentee or Applicant of Cited Document		
		US 4,545,227		10/08/1985	Sudoh et al.		
		US 2003/0026726	A1	02/06/2003	Sato et al.		
		US					
		US					
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		US					
		US					

FOREIGN PATENT DOCUMENTS								
Examiner	Cite	Cite Foreign Patent Document		Publication Date	Name of Patentee or			
Initials*	No.1	Country Code <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)	MM-DD-YYYY	Applicant of Cited Document	Translation <sup>6</sup>	
	***************************************	JP	01-092039	Α	04/11/1989	Sumitomo Metal Ind. Ltd.	Abstract	
		JP	04-190947	Α	07/09/1992	Yoshida Kogyo K.K. (YKK)	Abstract	
		ЛР	58-221611	B2	12/23/1983	Sumitomo Metal Ind. Ltd.	Abstract & Corresponds to US 4,545,227	
		JP	62-286623	A	12/12/1987	Kobe Steel Ltd.	Abstract	
******		JP	01-147039	A	06/08/1989	Kobe Steel Ltd.	Abstract	
		JР	2003-027171	A	01/29/2003	Sumitomo Electrical Ind. Ltd.	Abstract, Machine Translation & Corresponds to US 2003/0026726	

	NON PATENT LITERATURE DOCUMENTS						
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.	Translation <sup>6</sup>				
		YOH, "HDC Process for Small Diameter Ingot," Light Metals, United States of America, The					
		Mineral, Metals & Materials Society, 673-679 (1989).					
		TAKIMIZU, et al., "Hot rotary-type vortex deep flaw of bar material," Iron and Steel, Japan,					
		Japan Steel Institute 69(13):45 (Sept. 3, 1983), Resume (II) < Possessing Material > of Lecture					
		No. 106 of the Japan Steel Institute.					
		SHINJO, et al., "Development of high speed continuous horizontal casting method and making					
		the method practical," ALTOPIA published by KAROSU Publishing Company 20(10):9-15					
		(October 15, 1990).					

Examiner Signature	Date Co	onsidered

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>&</sup>lt;sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kind Codes of USPTO Patent Documents at www.uspto.gov, MPEP 901.04 or follow the hyperlink from the title of the document to the intranet. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to indicate here if English language Translation is attached.

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of 2

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E	Cite	Document Number		Publication Date			
Examiner Initials*	No.1	Number	Kind Code <sup>2</sup> (if known)	MM-DD-YYYY	Name of Patentee or Applicant of Cited Document		
		US					
		US					
		US					
		US					
		US					
		US					

	FOREIGN PATENT DOCUMENTS								
Examiner	Cite No.1	Foreign Patent Document		Publication Date	Name of Patentee or	Translation <sup>6</sup>			
Initials*		Country Code <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)	MM-DD-YYYY	Applicant of Cited Document	i ranstation		
		JP	07-311179	A	11/28/1995	Hitachi Cable Ltd.	Abstract & Machine Translation		
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		JР	07-040017	A	02/10/1995	Fuji Photo Film Co. Ltd.	Abstract & Machine Translation		
		JP	11-254093	A	09/21/1999	Fuji Photo Film Co. Ltd.	Abstract & Machine Translation		
		JP	58-100016	A	06/14/1983	S II C:KK Hitachi Cable Ltd.	Abstract		

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		•	
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Examiner Signature	Date Considered	

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